

STATE OF SOUTH CAROLINA

(Caption of Case)

**Monthly Fuel Cost Report and Base Load Power
Plant Performance Report****BEFORE THE
PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA****COVER SHEET****DOCKET****NUMBER: 1989 - 9 - E**

(Please type or print)

Submitted by: Catherine E. Heigel**SC Bar Number: 9268****Address: Duke Energy Corporation****Telephone: 704.382.8123****PO Box 1006/ EC03T****Fax: 704.382.4494****Charlotte, NC 28201-1006****Other:****Email: Catherine.Heigel@duke-energy.com**

NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)☐ **Emergency Relief demanded in petition** ☐ **Request for item to be placed on Commission's Agenda expeditiously**☒ **Other:****INDUSTRY (Check one)****NATURE OF ACTION (Check all that apply)**

- | | | | |
|--|--|--|---|
| <input checked="" type="checkbox"/> Electric | <input type="checkbox"/> Affidavit | <input type="checkbox"/> Letter | <input type="checkbox"/> Request |
| <input type="checkbox"/> Electric/Gas | <input type="checkbox"/> Agreement | <input type="checkbox"/> Memorandum | <input type="checkbox"/> Request for Certificatio |
| <input type="checkbox"/> Electric/Telecommunications | <input type="checkbox"/> Answer | <input type="checkbox"/> Motion | <input type="checkbox"/> Request for Investigatio |
| <input type="checkbox"/> Electric/Water | <input type="checkbox"/> Appellate Review | <input type="checkbox"/> Objection | <input type="checkbox"/> Resale Agreement |
| <input type="checkbox"/> Electric/Water/Telecom. | <input type="checkbox"/> Application | <input type="checkbox"/> Petition | <input type="checkbox"/> Resale Amendment |
| <input type="checkbox"/> Electric/Water/Sewer | <input type="checkbox"/> Brief | <input type="checkbox"/> Petition for Reconsideration | <input type="checkbox"/> Reservation Letter |
| <input type="checkbox"/> Gas | <input type="checkbox"/> Certificate | <input type="checkbox"/> Petition for Rulemaking | <input type="checkbox"/> Response |
| <input type="checkbox"/> Railroad | <input type="checkbox"/> Comments | <input type="checkbox"/> Petition for Rule to Show Cause | <input type="checkbox"/> Response to Discovery |
| <input type="checkbox"/> Sewer | <input type="checkbox"/> Complaint | <input type="checkbox"/> Petition to Intervene | <input type="checkbox"/> Return to Petition |
| <input type="checkbox"/> Telecommunications | <input type="checkbox"/> Consent Order | <input type="checkbox"/> Petition to Intervene Out of Time | <input type="checkbox"/> Stipulation |
| <input type="checkbox"/> Transportation | <input type="checkbox"/> Discovery | <input type="checkbox"/> Prefiled Testimony | <input type="checkbox"/> Subpoena |
| <input type="checkbox"/> Water | <input type="checkbox"/> Exhibit | <input type="checkbox"/> Promotion | <input type="checkbox"/> Tariff |
| <input type="checkbox"/> Water/Sewer | <input type="checkbox"/> Expedited Consideration | <input type="checkbox"/> Proposed Order | <input type="checkbox"/> Other: |
| <input type="checkbox"/> Administrative Matter | <input type="checkbox"/> Interconnection Agreement | <input type="checkbox"/> Protest | |
| <input type="checkbox"/> Other: | <input type="checkbox"/> Interconnection Amendment | <input type="checkbox"/> Publisher's Affidavit | |
| | <input type="checkbox"/> Late-Filed Exhibit | <input checked="" type="checkbox"/> Report | |



DUKE ENERGY CAROLINAS, LLC
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May 19, 2009

Charles L. Terreni, Esquire
Chief Clerk and Administrator
The Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

Re: Docket No. 1989-9-E

Dear Mr. Terreni:

Pursuant to the Commission's Orders in the above-captioned docket, enclosed for filing are copies of the following for Duke Energy Carolinas, LLC ("the Company"):

1. Monthly Fuel Cost Report for the month of March 2009 (Exhibit A).
2. Base Load Power Plant Performance Report (Exhibit B).

If you have any questions regarding this matter, please call me.

Sincerely,

Catherine E. Heigel

/sch

Enclosures

Copy: Office of Regulatory Staff
Dan Arnett, Chief of Staff
John Flitter
Jeff Nelson

South Carolina Energy Users Committee
Scott Elliott, Esquire

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
SUMMARY OF MONTHLY FUEL REPORT

	March 2009
Fuel Expenses:	
1 Fuel and purchased power expenses included in fuel component	\$ 113,046,260
2 Less fuel expenses (in line 1) recovered through inter-system sales (a)	2,157,708
3 Total fuel expenses (line 1 minus line 2)	<u>\$ 110,888,552</u>
MWH sales:	
4 Total system sales.	6,347,574
5 Less inter-system sales	43,733
6 Total sales less inter-system sales	<u>6,303,841</u>
7 Total fuel expenses (\$/KWH) (line 3/line 6)	<u>1.7591</u>
8 Current fuel component (\$/KWH)	<u>2.2482</u>
Generation Mix (MWH):	
Fossil (by primary fuel type):	
9 Coal	2,758,379
10 Fuel Oil	(933)
11 Natural Gas	5,044
12 Total fossil	<u>2,762,490</u>
13 Nuclear (b)	<u>4,687,317</u>
Hydro:	
14 Conventional	197,170
15 Pumped storage	(41,081)
16 Total hydro	<u>156,089</u>
17 Total MWH generation	7,605,896
18 Less: Catawba joint owners' retained portion	<u>1,093,334</u>
19 Adjusted total MWH generation	<u>6,512,562</u>
(a) Line 2 includes:	
Fuel from Intersystem Sales (Schedule 3)	2,134,989
Fuel in Loss Compensation	22,719
Total fuel recovered from Intersystem Sales	<u>2,157,708</u>
(b) Includes 100% of Catawba generation.	

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
DETAILS OF FUEL AND PURCHASED POWER EXPENSES

	<u>March 2009</u>
Fuel expenses included in Base fuel Component:	
Steam Generation - FERC Account 501	
0501110 Coal Consumed - Steam	\$ 93,631,984
0501222 Test Fuel Consumed	-
0501310 Fuel Oil Consumed - Steam	205,671
0501330 Fuel Oil Light-Off - Steam	735,871
Total Steam Generation - Account 501	<u>94,573,526</u>
Environmental Costs	
0509000 Emission Allowance Expense	18,563
Reagents.	2,003,214
Emission Allowance Sales	(4,222,931)
Total Environmental Costs	<u>(2,201,155)</u>
Nuclear Generation - FERC Account 518	
0518100 Burnup of Owned Fuel	14,347,340
0518600 Nuclear Fuel Disposal Cost	3,622,213
Total Nuclear Generation - Account 518	<u>17,969,552</u>
Other Generation - FERC Account 547	
0547100 Natural Gas Consumed	480,933
0547200 Fuel Oil Consumed - CT	343,147
Total Other Generation - Account 547	<u>824,080</u>
Total fossil and nuclear fuel expenses included in Base Fuel Component	111,166,003
Fuel component of purchased and interchange power per Schedule 3, pages 1 and 2	<u>1,880,257</u>
Total fuel expenses included in Base Fuel Component	<u>\$ 113,046,260</u>

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
DETAILS OF FUEL AND PURCHASED POWER EXPENSES

	<u>March 2009</u>
Other fuel expenses not included in Base Fuel Component:	
0518610 Spent Fuel Canisters-Accrual	197,178
0518620 Canister Design Expense	9,019
0518700 Fuel Cycle Study Costs	53,602
Non-fuel component of purchased and interchanged power	<u>7,015,252</u>
Total other fuel expenses not included in Base Fuel Component	<u>\$ 7,275,050</u>
Total FERC Account 501 - Total Steam Generation	94,573,526
Total Environmental Costs	(2,201,155)
Total FERC Account 518 - Total Nuclear Generation	18,229,350
Total FERC Account 547 - Other Generation	824,080
Total Purchased and Interchanged Power Expenses	<u>8,895,509</u>
Total Fuel and Purchased Power Expenses	<u>\$ 120,321,310</u>

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
MARCH 2009

Schedule 3
SC, Purchases, Month
Page 1 of 3

Purchased Power		Capacity		Non-Capacity		
Marketers, Utilities, Other	Total \$	MW	\$	MWH	Fuel \$	Non-Fuel \$
Alcoa Power Generating Inc.	1,656	-	-	36	1,010	646
American Electric Power Serv Corp.	4,500	-	-	100	6,349	(1,849)
Associated Electric Cooperative Inc.	42,700	-	-	1,250	26,047	16,653
Blue Ridge Electric Membership Corp.	2,030,548	86	1,155,405	42,164	533,837	341,306
Calpine Power Services Marketing	11,172	-	-	294	6,815	4,357
Cargill Power Marketers LLC	76,600	-	-	2,150	46,726	29,874
City of Kings Mtn	8,979	3	8,979	-	-	-
Florida Power Corp	24,700	-	-	950	15,067	9,633
Haywood Electric	407,124	20	202,127	7,205	125,049	79,948
LGE/KU	41,326	-	-	982	25,209	16,117
Lockhart Power Co.	19,272	7	19,272	-	-	-
MISO	20,426	-	-	-	12,460	7,966
NCEMC load following	8,053	-	-	805	3,571	4,482
NCMPA #1	1,691,459	-	-	47,262	754,027	937,432
Piedmont Electric Membership Corp.	1,009,689	42	583,700	20,682	259,853	166,136
PJM Interconnection LLC	838,762	-	-	29,377	505,670	333,092
Progress Energy Carolinas	-	-	-	-	16,977	(16,977)
Rutherford Electric Membership Corp.	51,762	-	-	2,131	31,575	20,187
Southern	105,067	-	-	2,593	64,091	40,976
SPCO - Rowan	1,359,984	456	1,359,984	-	-	-
The Energy Authority	275,275	-	-	6,245	167,918	107,357
Town of Dallas	584	-	584	-	-	-
Town of Forest City	21,024	7	21,024	-	-	-
TVA	11,200	-	-	200	6,832	4,368
Westar Energy, Inc.	260,002	-	-	5,618	158,601	101,401
Generation Imbalance	69,096	-	-	2,231	39,959	29,137
Energy Imbalance	191,299	-	-	5,024	116,693	74,606
	<u>\$ 8,582,259</u>	<u>621</u>	<u>\$ 3,351,076</u>	<u>177,299</u>	<u>\$ 2,924,336</u>	<u>\$ 2,306,848</u>

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
MARCH 2009

Schedule 3
SC, Purchases, Month
Page 2 of 3

Purchased Power	Total	Capacity		Non-Capacity		
Cogen, Purpa, Small Power Producers	\$	MW	\$	MWH	Fuel \$	Non-Fuel \$
Advantage Investment Group, LLC	2,077	-	-	31	-	2,077
AKS Real Estate Holdings LLC	18	-	-	-	-	18
Alamance Hydro, LLC	4,034	-	-	59	-	4,034
Andrews Truss, Inc.	40	-	-	1	-	40
Anna L. Reilly	25	-	-	1	-	25
Aquenergy Corp.	68,034	-	-	1,107	-	68,034
Barbara Ann Evans	34	-	-	1	-	34
Byron P Matthews	14	-	-	-	-	14
Catawba County	43,827	-	-	1,267	-	43,827
Cherokee County	3,242,047	-	652,368	19,400	588,553	2,001,126
Cliffside Mills LLC	2,982	-	-	43	-	2,982
Converse Energy	5,355	-	-	96	-	5,355
Dale Earnhardt Inc.	56	-	-	1	-	56
Dave K Birkhead	12	-	-	-	-	12
David A Ringenbun	33	-	-	1	-	33
David E. Shi	12	-	-	-	-	12
David M Thomas	35	-	-	1	-	35
David Wiener	16	-	-	-	-	16
Decision Support	145	-	-	3	-	145
Delta Products Corp.	150	-	-	3	-	150
Diann M. Barbacci	10	-	-	-	-	10
Fogleman Construction, Inc	19	-	-	-	-	19
Frances L. Thomson	30	-	-	1	-	30
Freightliner Corp.	38	-	-	1	-	38
Gerald W. Meisner	23	-	-	1	-	23
Greenville Gas Producer, LLC	112,991	-	-	1,953	112,991	-
Gwenyth T Reid	20	-	-	-	-	20
Haneline Power, LLC	3,218	-	-	47	-	3,218
Haw River Hydro Co	13,556	-	-	381	-	13,556
Hayden-Harman Foundation	8	-	-	-	-	8
Hendrik J Rodenburg	21	-	-	-	-	21
HMS Holdings Limited Partnership	338	-	-	6	-	338
Holzworth Holdings	13	-	-	-	-	13
Innovative Solar Solutions	12	-	-	-	-	12
Jafasa Farms	88	-	-	2	-	88
James B Sherman	16	-	-	-	-	16
Jerome Levit	8	-	-	-	-	8
Jody Fine	13	-	-	-	-	13
Joel L. Hager	27	-	-	1	-	27
John H. Diliberti	50	-	-	1	-	50
Linda Alexander	17	-	-	-	-	17
Mark A Powers	9	-	-	-	-	9
Matthew T. Ewers	17	-	-	-	-	17
Mayo Hydro	17,857	-	-	410	-	17,857
Mill Shoals Hydro	12,905	-	-	361	-	12,905
Northbrook Carolina Hydro	128,387	-	-	2,152	-	128,387
Optima Engineering	52	-	-	1	-	52
Pacifica HOA	25	-	-	1	-	25
Paul G. Keller	22	-	-	1	-	22
Peizer Hydro Co.	33,449	-	-	578	-	33,449
Phillip B. Caldwell	13	-	-	-	-	13
Pickins Mill Hydro LLC	5,761	-	-	93	-	5,761
Pippin Home Designs, Inc	16	-	-	-	-	16
PRS-PK Engines, LLC	274	-	-	5	-	274
Rousch & Yates Racing Engines, LLC	168	-	-	3	-	168
Salem Energy Systems	116,505	-	-	2,438	-	116,505
Shawn Stome	11	-	-	-	-	11
South Yadkin Power	4,740	-	-	74	-	4,740
Spray Cotton Mills	12,063	-	-	302	-	12,063
Steve Mason Ent., Inc.	1,454	-	-	38	-	1,454
Steven Graf	33	-	-	1	-	33
Strates Inc	30	-	-	1	-	30
T.S. Designs, Inc.	50	-	-	1	-	50
The Rocket Shop, LLC	12	-	-	-	-	12
Thomas Knox Worde	13	-	-	-	-	13
Town of Chapel Hill	26	-	-	1	-	26
Town of Lake Lure	21,240	-	-	480	-	21,240
W. Jefferson Holt	52	-	-	1	-	52
Walter C. McGervey	8	-	-	-	-	8
Yves Naar	28	-	-	1	-	28
Energy Imbalance	(65,673)	-	-	-	(59,973)	(5,700)
	\$ 3,789,009	-	\$ 652,368	31,352	\$ 641,571	\$ 2,495,070
TOTAL PURCHASED POWER	\$ 12,371,268	621	\$ 4,003,443	208,651	\$ 3,565,907	\$ 4,801,918
INTERCHANGES IN						
Other Catawba Joint Owners	(1,023,321)	-	-	417,076	(416,482)	(606,839)
Total Interchanges In	(1,023,321)	-	-	417,076	(416,482)	(606,839)
INTERCHANGES OUT						
Other Catawba Joint Owners	(2,411,248)	(866)	(134,209)	(686,255)	(1,233,237)	(1,043,802)
Catawba- Net Negative Generation	(41,190)	-	-	(2,061)	(35,931)	(5,259)
Total Interchanges Out	(2,452,438)	(866)	(134,209)	(688,316)	(1,269,168)	(1,049,061)
Net Purchases and Interchange Power before PCL	8,895,509	(245)	3,869,234	(62,589)	1,880,257	3,146,018
Purchased Capacity Levelization	(624,415)	-	(624,415)	-	-	-
Net Purchases and Interchange Power after PCL	8,271,094	(245)	3,244,819	(62,589)	1,880,257	3,146,018

DUKE ENERGY CAROLINAS
 INTERSYSTEM SALES*
 SOUTH CAROLINA FUEL FILING
 MARCH 2009

Schedule 3
 SC, Sales, Month
 Page 3 of 3

SALES	TOTAL CHARGES	CAPACITY		ENERGY		
		MW	\$	MWH	FUEL \$	NON-FUEL \$
Market Based:						
American Electric Power Services Corp.	\$ 12,800	-	\$ -	200	\$ 9,117	\$ 3,683
Cargill-Alliant, LLC	21,700	-	-	300	21,594	106
Cobb Electric Membership Corp	99,650	-	-	1,400	61,849	37,801
ConocoPhillips Company	3,025	-	-	55	2,462	563
Merrill Lynch Commodities, Inc.	5,700	-	-	100	4,450	1,250
MISO	73,754	-	-	1,425	47,374	26,380
NCEMC (Generator/Instantaneous)	681,468	50	337,500	6,382	278,059	65,909
NCMPA #1	247,133	50	211,000	675	27,916	8,217
NCMPA #1 - Rockingham	157,500	50	157,500	-	-	-
PJM Interconnection LLC	1,456,139	-	-	24,742	1,295,733	160,406
Progress Energy Carolinas	378,000	-	-	4,200	196,827	181,173
SC Electric & Gas Market based	481,400	-	-	2,400	112,927	368,473
The Energy Authority	27,760	-	-	383	16,179	11,581
Other:						
Generation Imbalance	88,631	-	-	1,471	60,502	28,129
BPM Transmission	(177,826)	-	-	-	-	(177,826)
	\$ 3,556,834	150	\$ 706,000	43,733	\$ 2,134,989	\$ 715,845

* Sales for resale other than native load priority.

NOTE(S): Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
SC RETAIL COMPARISON OF FUEL REVENUES AND EXPENSES

Billing Period: October 2008 - September 2009
Current Month: March 2009

	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(Estimate)	(Estimate)	(Estimate)	(Estimate)	(Estimate)	(Estimate)
	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09
1 South Carolina sales (MWH)	1,584,631	1,592,476	1,769,078	1,694,883	1,741,562	1,557,118	1,677,945	1,676,762	1,895,012	2,004,877	2,133,615	2,058,954
2 Fuel costs (Cents per KWH)	2.1747	2.5021	1.7732	1.9496	1.6142	1.7591	1.9656	2.4352	2.3421	2.4528	2.4381	2.1968
3 Fuel base (Cents per KWH)	2.2472	2.2471	2.2482	2.2486	2.2482	2.2482	2.2626	2.2625	2.2634	2.2641	2.2641	2.2639
4 Fuel cost incurred	\$34,460,970	\$39,845,342	\$31,369,291	\$33,043,439	\$28,112,294	\$27,391,263	\$32,981,687	\$40,832,508	\$44,383,076	\$49,175,623	\$52,019,667	\$45,231,101
5 Fuel cost billed	\$35,609,828	\$35,784,528	\$39,772,412	\$38,111,139	\$39,153,797	\$35,007,127	\$37,965,184	\$37,936,740	\$42,891,702	\$45,392,420	\$48,307,177	\$46,612,660
6 Over (Under) recovery (Line 5 - line 4 x constant tax factor of 1.0044)	\$1,153,912	(\$4,078,681)	\$8,440,095	\$5,089,997	\$11,090,087	\$7,649,374	\$5,005,424	(\$2,908,509)	(\$1,497,936)	(\$3,799,849)	(\$3,728,825)	\$1,387,638
7 Over (Under) recovery -- prior balance	\$12,158,806	\$12,265,701	\$8,540,390	\$15,839,969	\$20,536,344	\$30,951,135	\$38,069,266	\$43,074,690	\$40,166,181	\$38,668,245	\$34,868,396	\$31,139,571
8 Prior month correction/adjustment	(\$1,047,017)	\$353,370	(\$1,140,516)	(\$393,622)	(\$675,296)	(\$531,243)						
9 Cumulative over (under)	\$12,265,701	\$8,540,390	\$15,839,969	\$20,536,344	\$30,951,135	\$38,069,266	\$43,074,690	\$40,166,181	\$38,668,245	\$34,868,396	\$31,139,571	\$32,527,209

DUKE ENERGY CAROLINAS
FUEL COST REPORT
March 2009

Line No.	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	Total
	Station	(C)	(C)	(C)		(C)											Current Month
	Cost of Fuel Purchased(\$)	Belews Creek	Marshall	Allen	Riverbend	Cliffside	Dan River	Buck	Lee	Buzzard Roost	Lincoln	Mill Creek	Rockingham	Oconee	McGuire	Catawba	
1	Coal	54,756,566	42,248,499	9,509,666	6,326,733	7,321,782	125,651	3,346,677	3,710,637	-	-	-	-	-	-	-	127,346,211
2	Oil (B)	103,346	120,207	108,781	2,395	185,011	-	1,350	-	-	-	-	-	-	-	-	521,100
3	Gas	-	-	-	15,626	-	350	372	52,482	-	4,259	73,753	334,091	-	-	-	480,933
4	Total	54,859,912	42,368,706	9,618,457	6,344,754	7,506,793	126,001	3,348,399	3,763,119	-	4,259	73,753	334,091	-	-	-	128,348,244
Average Cost of Fuel as Purchased (CENTS/MBTU)																	
5	Coal	394.51	334.59	367.56	334.81	378.84	-	373.89	351.98	-	-	-	-	-	-	-	366.86
6	Oil	983.18	937.42	1,024.45	INF.	1,051.44	-	INF.	-	-	-	-	-	-	-	-	1,010.86
7	Gas	-	-	-	1,046.62	-	INF.	938.86	-	-	INF.	462.05	844.41	-	-	-	768.14
8	Weighted Average	394.96	335.20	390.30	335.50	384.81	INF.	374.08	355.08	-	INF.	462.05	844.41	-	-	-	368.33
Cost of Fuel Burned(\$)																	
9	Coal (A) (E)	38,234,138	33,182,256	14,376,780	1,222,596	2,933,972	789,518	1,190,159	1,702,565	-	-	-	-	-	-	-	93,631,984
10	Oil (B)	134,296	187,256	95,488	82,750	177,183	68,383	49,435	247,507	-	33,977	-	208,414	-	-	-	1,284,689
11	Gas	-	-	-	15,626	-	350	372	52,482	-	4,259	73,753	334,091	-	-	-	480,933
12	Nuclear (F) (G)	-	-	-	-	-	-	-	-	-	-	-	-	8,921,544	8,179,414	4,513,116	21,614,074
13	Total	38,368,434	33,369,512	14,472,268	1,320,972	3,111,155	858,251	1,239,966	2,002,554	-	38,236	73,753	542,505	8,921,544	8,179,414	4,513,116	117,011,880
14	Less: Catawba joint owner's share	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,644,521
15	Adjusted total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	868,595
Average Cost of Fuel Burned (CENTS/MBTU)																	
16	Coal	395.28	319.80	372.95	362.55	359.77	377.36	382.13	336.84	-	-	-	INF.	-	-	-	358.99
17	Oil	1,311.87	1,201.05	955.93	1,623.82	999.40	1,767.46	1,719.48	1,726.35	-	1,177.30	-	INF.	-	-	-	1,552.79
18	Gas	-	-	-	1,046.62	-	INF.	INF.	938.86	-	INF.	462.05	844.41	-	-	-	768.14
19	Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	45.75	47.34	44.26	46.01
20	Weighted Average	396.25	321.12	374.45	384.22	373.38	402.77	394.48	381.17	-	1,324.88	462.05	1,366.86	45.75	47.34	44.26	159.84
Average Cost of Fuel Burned (D) (CENTS/KWH Generated)																	
21	Coal	3.59	2.99	3.74	3.86	4.03	4.35	4.07	3.57	-	-	-	-	-	-	-	3.39
22	Oil	INF.	INF.	INF.	INF.	INF.	(D)	(D)	(D)	(D)	(D)	-	INF.	-	-	-	(D)
23	Gas	-	-	-	(D)	-	INF.	INF.	(D)	-	-	7.60	8.02	-	-	-	9.53
24	Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	0.46	0.47	0.44	0.46
25	Weighted Average	3.60	3.01	3.77	4.17	4.28	4.74	4.24	4.20	(D)	(D)	7.60	12.98	0.46	0.47	0.44	1.57
MBTU's Burned																	
26	Coal	9,672,593	10,375,941	3,854,927	337,221	815,522	209,219	311,452	505,449	-	-	-	125	-	-	-	26,082,324
27	Oil	10,237	15,591	9,989	5,096	17,729	3,868	2,875	14,337	-	2,886	-	39,585	-	-	-	82,734
28	Gas	-	-	-	1,493	-	-	-	5,590	-	-	15,962	39,585	19,500,852	17,277,430	10,197,273	62,610
29	Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46,975,555
30	Total	9,682,830	10,391,532	3,864,916	343,810	833,251	213,088	314,327	525,376	-	2,886	15,962	39,690	19,500,852	17,277,430	10,197,273	73,203,223
31	Less: Catawba joint owner's share	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,234,706
32	Adjusted total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,962,567
Net Generation (MWH)																	
33	Coal	1,065,338	1,109,335	384,115	31,705	72,767	18,136	29,275	47,708	-	-	-	13	-	-	-	2,758,379
34	Oil	-	-	-	-	-	(45)	(33)	(30)	(127)	(711)	-	4,165	-	-	-	(933)
35	Gas	-	-	-	(61)	-	-	-	(30)	-	-	970	4,165	1,847,134	1,722,296	1,017,887	5,044
36	Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,687,317
37	Total	1,065,338	1,109,335	384,115	31,644	72,767	18,091	29,242	47,648	(127)	(711)	970	4,178	1,847,134	1,722,296	1,017,887	7,448,807
38	Less: Catawba joint owner's share	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	821,984
39	Adjusted total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	195,903

NOTE(S): Detail amounts may not add to totals shown due to rounding.

(A) Twelve months ended includes aerial survey adjustments made to coal inventory in Dec08, which are reflected in cost of coal consumed and tons of coal consumed.

(B) Fuel oil costs at nuclear plants are excluded because it is not being used for energy production.

(C) These stations are steam generation only; therefore, gas is not applicable.

(D) CENTS/KWH not computed when net generation is negative.

(E) Cost of fuel burned excludes \$18,563 associated with emission allowance expense for the month.

(F) Cost of fuel burned excludes \$197,178 associated with canister accrual for the month.

(G) Cost of fuel burned excludes \$9,019 associated with canister design expense for the month.

DUKE ENERGY CAROLINAS
FOSSIL FUEL CONSUMPTION AND INVENTORY REPORT
March 2009

Line No.	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
		(C)	(C)	(C)		(C)				Buzzard							Month
1	Location	Belews Creek	Marshall	Allen	Riverbend	Cliffside	Dan River	Buck	Lee	Roost	Lincoln	Mill Creek	Rockingham	Oconee	McGuire	Catawba	Total
Coal Data (A):																	
2	Tons received during period	565,022	512,340	100,045	76,971	78,587	-	38,048	43,288								1,414,301
3	Inventory adjustments	(694)	(1,625)	(127)	189	642	(3)	554	828								(236)
4	Tons burned during period	394,207	422,327	160,314	13,783	32,647	8,869	13,485	21,055								1,066,687
5	MBTUs burned per ton	24.54	24.57	24.05	24.47	24.98	23.59	23.10	24.01								24.45
Tons coal on hand:																	
6	Beginning balance	572,479	863,564	628,179	229,577	301,481	122,138	191,390	184,109								3,092,917
7	Ending balance	742,600	951,952	567,783	292,954	348,063	113,266	216,507	207,170								3,440,295
8	Cost of ending inventory (\$ per ton)	97.08	78.70	89.71	88.64	89.71	89.03	88.03	83.44								87.66
Oil Data (B):																	
9	Gallons received during period	76,185	92,779	77,376	-	129,315	-	-	-	-	-	-	-	-	-	-	375,655
10	Miscellaneous usage, transfers and adjustments	(8,260)	(21,504)	3,716	(1,881)	3,193	(4,725)	(1,864)	(3,264)	-	-	-	-	-	-	-	(34,589)
11	Gallons burned during period	74,196	112,805	72,782	36,942	130,293	27,798	20,771	103,836	-	20,832	-	89,066				689,321
Gallons oil on hand:																	
12	Beginning balance	240,534	252,154	179,202	300,172	46,456	317,785	590,437	617,077	1,536,309	8,889,420	3,952,014	2,343,438				19,264,998
13	Ending balance	234,263	210,624	187,512	261,349	48,671	285,262	567,802	509,977	1,536,309	8,868,588	3,952,014	2,254,372				18,916,743
14	Cost of ending inventory (\$ per gallon)	1.81	1.66	1.54	2.24	1.51	2.45	2.38	2.30	0.79	1.60	1.25	2.34				1.61
Gas Data (D):																	
15	MCF received during period				1,452		-	-	5,432	-	-	15,527	38,044				60,455
16	MCF burned during period				1,452		-	-	5,432	-	-	15,527	38,044				60,455
MCF gas on hand:																	
17	Beginning balance																
18	Ending balance																
19	Cost of ending inventory (\$ per MCF)																

NOTE(S): Detail amounts may not add to totals shown due to rounding.

(A) Twelve months ended includes aerial survey adjustments made to coal inventory in Dec08, which are reflected in cost of coal consumed and tons of coal consumed.

(B) Fuel oil costs at nuclear plants are excluded because it is not being used for energy production.

Receipts and usage (Lines 9, 10) include nuclear fuel oil for twelve months ended through March 2009.

(C) These stations are steam generation only; therefore, gas is not applicable.

(D) Gas is burned as received; therefore, inventory balances are not maintained.

SCHEDULE 7

**DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
March 2009**

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	102	\$ (22,956.41)	\$ (224.53)
	CONTRACT	99,942	9,026,819.40	90.32
	ADJUSTMENTS	-	505,802.75	-
	TOTAL	<u>100,044</u>	<u>9,509,665.74</u>	<u>95.05</u>
BELEWS CREEK	SPOT	11,512	1,362,680.34	118.37
	CONTRACT	553,510	51,596,230.69	93.22
	ADJUSTMENTS	-	1,797,654.91	-
	TOTAL	<u>565,022</u>	<u>54,756,565.94</u>	<u>96.91</u>
BUCK	SPOT	-	-	-
	CONTRACT	38,048	3,267,715.97	85.88
	ADJUSTMENTS	-	78,960.96	-
	TOTAL	<u>38,048</u>	<u>3,346,676.93</u>	<u>87.96</u>
CLIFFSIDE	SPOT	-	(10,691.74)	-
	CONTRACT	78,587	6,568,719.57	83.59
	ADJUSTMENTS	-	763,754.79	-
	TOTAL	<u>78,587</u>	<u>7,321,782.62</u>	<u>93.17</u>
DAN RIVER	SPOT	-	-	-
	CONTRACT	-	20,304.32	-
	ADJUSTMENTS	-	105,346.93	-
	TOTAL	<u>-</u>	<u>125,651.25</u>	<u>-</u>
LEE	SPOT	-	-	-
	CONTRACT	43,288	3,397,935.66	78.50
	ADJUSTMENTS	-	312,701.62	-
	TOTAL	<u>43,288</u>	<u>3,710,637.28</u>	<u>85.72</u>
MARSHALL	SPOT	11,772	966,331.09	82.09
	CONTRACT	500,568	39,106,539.45	78.12
	ADJUSTMENTS	-	2,175,628.22	-
	TOTAL	<u>512,340</u>	<u>42,248,498.76</u>	<u>82.46</u>
RIVERBEND	SPOT	-	(141.66)	-
	CONTRACT	76,971	6,045,477.57	78.54
	ADJUSTMENTS	-	281,396.64	-
	TOTAL	<u>76,971</u>	<u>6,326,732.55</u>	<u>82.20</u>
ALL PLANTS	SPOT	23,387	2,295,221.62	98.14
	CONTRACT	1,390,914	119,029,742.63	85.58
	ADJUSTMENTS	-	6,021,246.82	-
	TOTAL	<u>, 1 414 301</u>	<u>\$ 127,346,211.07</u>	<u>\$ 90.04</u>

SCHEDULE 8

**Duke Energy Carolinas
Analysis of Quality of Coal Received
March 2009**

Station	<u>Percent Moisture</u>	<u>Percent Ash</u>	<u>Heat Value</u>	<u>Percent Sulfur</u>
Allen	6.51	11.90	12,263	0.78
Belews Creek	6.45	12.00	12,282	0.99
Buck	7.02	13.49	11,763	0.65
Cliffside	6.95	10.72	12,296	1.03
Dan River	-	-	-	-
Lee	6.61	11.80	12,177	0.93
Marshall	6.90	11.35	12,323	1.38
Riverbend	7.45	10.49	12,275	0.98

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
March 2009

Station	Allen	Belews Creek	Buck	Cliffside 1-4	Cliffside 5	Marshall	Riverbend
Vendor	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers
Spot / Contract	Contract	Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0.02	0	0.03	0	0.01	0.03	0.03
Gallons Received	77,376	76,185	-	7,533	121,782	92,779	-
Total Delivered Cost	\$ 108,790.74	\$ 103,346.02	\$ 1,350.07	\$ 9,444.41	\$ 175,566.95	\$ 120,207.54	\$ 2,394.62
Delivered Cost/Gal	\$ 1.4060	\$ 1.3565	\$ -	\$ 1.2537	\$ 1.4416	\$ 1.2956	\$ -
Delivered Cost/MBTU	\$ 10.1683	\$ 9.8320	\$ -	\$ 9.1242	\$ 10.5875	\$ 9.3744	\$ -
BTU/Gallon	138,273	137,969	138,395	137,408	136,165	138,210	137,949

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

April,2008 - March,2009

<u>Plant Name</u>	<u>Generation MWH</u>	<u>Capacity Rating MW</u>	<u>Capacity Factor %</u>	<u>Net Equivalent Availability %</u>
Oconee	20,312,900	2,538	91.36	89.50
McGuire	17,885,899	2,200	92.81	89.40
Catawba	18,200,481	2,258	92.01	89.66

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
April 2008 through March 2009
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	8,815,123	1,123	89.65	94.86
Belews Creek 2	7,476,780	1,123	76.04	82.77

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
April 2008 through March 2009
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	3,354,420	562	68.14	85.00
Marshall 1	2,591,597	380	77.85	95.09
Marshall 2	2,108,775	380	63.35	85.41
Marshall 3	3,721,442	658	64.56	70.60
Marshall 4	4,390,596	660	75.94	85.13

**Duke Energy Carolinas
Power Plant Performance Data**

Schedule 10

Page 4 of 6

**Twelve Month Summary
April 2008through March 2009**

Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	672,997	165	46.56	83.63
Allen 2	716,436	165	49.57	92.53
Allen 3	1,317,489	265	56.75	87.45
Allen 4	1,621,513	280	66.11	93.65
Allen 5	1,453,466	270	61.45	87.76
Buck 3	88,517	75	13.47	90.30
Buck 4	63,871	38	19.19	95.43
Buck 5	433,706	128	38.68	84.71
Buck 6	503,831	128	44.93	83.56
Cliffside 1	46,097	38	13.85	82.29
Cliffside 2	28,234	38	8.48	74.40
Cliffside 3	113,501	61	21.24	85.00
Cliffside 4	122,740	61	22.97	90.48
Dan River 1	130,479	67	22.23	93.84
Dan River 2	136,791	67	23.31	92.17
Dan River 3	490,861	142	39.46	89.52
Lee 1	278,616	100	31.81	88.62
Lee 2	336,098	100	38.37	97.24
Lee 3	312,631	170	20.99	59.09
Riverbend 4	305,376	94	37.09	95.38
Riverbend 5	291,561	94	35.41	93.03
Riverbend 6	465,181	133	39.93	87.81
Riverbend 7	478,606	133	41.08	90.70

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
April,2008 through March,2009

Schedule 10

Page 5 of 6

Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-226	93	92.79
Buzzard Roost CT	-953	196	98.94
Dan River CT	-163	85	91.23
Lee CT	21,791	82	98.76
Lincoln CT	52,781	1,264	95.31
Mill Creek CT	33,757	592	95.90
Riverbend CT	-947	120	92.55
Rockingham CT	185,312	825	95.71

Duke Energy Carolinas

Power Plant Performance

Schedule 10

Page 6 of 6

12 Months Ended March 2009

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	32,294	23.000	95.13
Buzzard Roost	-	-	100.00
Cedar Creek	91,234	45.000	93.39
Cowans Ford	79,886	325.000	95.35
Dearborn	108,185	42.000	90.75
Fishing Creek	93,920	49.000	92.47
Gaston Shoals	11,012	4.600	71.76
Great Falls	1,021	24.000	43.62
Keowee	18,890	157.500	97.59
Lookout Shoals	53,503	27.000	96.42
Mountain Island	57,995	62.000	96.93
Ninety Nine Island	35,543	18.000	63.00
Oxford	61,348	40.000	97.84
Rhodhiss	37,011	30.500	97.39
Rocky Creek	2,224	28.000	32.14
Tuxedo	9,327	6.400	73.10
Wateree	143,272	85.000	93.37
Wylie	86,244	72.000	96.15
Nantahala	169,820	50.000	74.06
Queens Creek	2,156	1.440	95.82
Thorpe	47,516	19.700	98.52
Tuckasegee	4,067	2.500	98.52
Tennessee Creek	25,812	9.800	93.18
Bear Creek	18,135	9.450	94.76
Cedar Cliff	12,942	6.380	94.76
Mission	1,701	1.800	91.40
Franklin	(8)	1.040	87.67
Bryson	596	1.040	62.28
Dillsboro	-	0.230	50.00
Total Conventional	<u>1,205,645</u>		
Pumped Storage Plants			
Jocassee	1,042,012	730.000	96.76
Bad Creek	<u>2,332,423</u>	1,360.000	94.51
Total	<u>3,374,435</u>		
Less Energy for Pumping			
Jocassee	(1,360,796)		
Bad Creek	<u>(2,949,435)</u>		
Total	<u>(4,310,231)</u>		
Total Pumped Storage			
Jocassee	(318,784)		
Bad Creek	<u>(617,012)</u>		
Total	<u>(935,796)</u>		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: March, 2009

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	None					
	3	None					
McGuire	1	None					
	2	None					
Catawba	1	None					
	2	03/07/2009-04/01/2009	594.93	SCHEDULED	END-OF-CYCLE 16 REFUELING OUTAGE	REFUEL AND MAINTENANCE	REFUEL AND MAINTENANCE

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
Page 2 of 16

March 2009

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
02	2/27/2009 6:39:00 PM To 3/8/2009 8:56:00 AM	Sch	8812 SCR CATALYST	planned maintenance outtage	

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
01	3/20/2009 4:57:00 PM To	Sch	4230 LP TURBINE ROTOR SHAFT	l.p turbine	

DUKE ENERGY CAROLINAS
 BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
 March, 2009
 Oconee Nuclear Station

Exhibit B
 Page 3 of 16

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	743		743		743	
(C1) Net Gen (MWH) and Capacity Factor	643180	102.32	653674	103.99	650280	103.45
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	216	0.03	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-14602	-2.32	-25312	-4.02	-21702	-3.45
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	628578	100.00 %	628578	100.00 %	628578	100.00 %
(I) Equivalent Availability		100.00		99.96		99.89
(J) Output Factor		102.32		103.99		103.45
(K) Heat Rate		10,123		9,951		9,973

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
March, 2009
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	743		743	
(C1) Net Gen (MWH) and Capacity Factor	859540	105.17	862756	105.56
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-42240	-5.17	-45456	-5.56
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	817300	100.00 %	817300	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		105.17		105.56
(K) Heat Rate		10,048		10,015

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
 BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
 March, 2009
 Catawba Nuclear Station

Exhibit B
 Page 5 of 16

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	743		743	
(C1) Net Gen (MWH) and Capacity Factor	862972	102.88	154915	18.47
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	671676	80.07
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	158	0.02	11825	1.41
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-24283	-2.90	431	0.05
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	838847	100.00 %	838847	100.00 %
(I) Equivalent Availability		99.98		19.36
(J) Output Factor		102.88		92.67
(K) Heat Rate		9,995		10,145

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
Page 6 of 16

March 2009

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	743	743
(C1) Net Generation (mWh)	482,846	582,492
(C1) Capacity Factor	58.47	70.53
(D1) Net mWh Not Generated due to Full Scheduled Outages	300,866	195,286
(D1) Scheduled Outages: percent of Period Hrs	36.48	23.68
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	1,326
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.16
(E1) Net mWh Not Generated due to Full Forced Outages	0	0
(E1) Forced Outages: percent of Period Hrs	0.00	0.00
(E2) Net mWh Not Generated due to Partial Forced Outages	0	723
(E2) Forced Derates: percent of Period Hrs	0.00	0.09
(F) Net mWh Not Generated due to Economic Dispatch	41,019	44,903
(F) Economic Dispatch: percent of Period Hrs	4.97	5.44
(G) Net mWh Possible in Period	824,730	824,730
(H) Equivalent Availability	63.52	76.07
(I) Output Factor (%)	92.17	92.54
(J) Heat Rate (BTU/NkWh)	9,144	9,043

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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**March 2009
Marshall Steam Station**

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	743	743	743	743
(C1) Net Generation (mWh)	191,740	92,651	447,465	377,479
(D) Net mWh Possible in Period	282,340	282,340	488,894	490,380
(E) Equivalent Availability	91.28	91.99	96.64	93.67
(F) Output Factor (%)	75.23	75.68	94.69	81.90
(G) Capacity Factor	67.82	32.77	91.40	76.87

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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**March 2009
Cliffside Steam Station**

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	743
(C1) Net Generation (mWh)	73,583
(D) Net mWh Possible in Period	417,566
(E) Equivalent Availability	28.81
(F) Output Factor (%)	65.45
(G) Capacity Factor	17.60

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
April, 2008 - March, 2009
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	6371169	85.97	6390165	86.23	7551566	101.90
(D1) Net MWH Not Gen Due To Full Scheduled Outages	573563	7.74	873115	11.78	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	27127	0.37	20518	0.28	861	0.01
(E1) Net MWH Not Gen Due To Full Forced Outages	458075	6.18	228563	3.08	56597	0.76
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-18974	-0.26	-101401	-1.37	-198064	-2.67
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability		85.00		84.36		99.12
(J) Output Factor		99.87		101.28		102.68
(K) Heat Rate		10,225		10,172		10,075

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
April, 2008 - March, 2009
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8335391	86.50	9550508	99.11
(D1) Net MWH Not Gen Due To Full Scheduled Outages	897600	9.32	318868	3.31
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	36740	0.38	31475	0.33
(E1) Net MWH Not Gen Due To Full Forced Outages	611270	6.34	117194	1.22
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-245001	-2.54	-382045	-3.97
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
(I) Equivalent Availability		83.69		95.12
(J) Output Factor		102.56		103.81
(K) Heat Rate		10,231		10,148

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
April, 2008 - March, 2009
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8745183	88.42	9455298	95.60
(D1) Net MWH Not Gen Due To Full Scheduled Outages	1221860	12.35	671676	6.79
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	46643	0.47	13587	0.14
(E1) Net MWH Not Gen Due To Full Forced Outages	103100	1.04	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-226746	-2.28	-250521	-2.53
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
(I) Equivalent Availability		86.17		93.15
(J) Output Factor		102.10		102.57
(K) Heat Rate		10,035		10,011

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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April 2008 through March 2009

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,123	1,123
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	8,815,123	7,476,780
(C1) Capacity Factor	89.65	76.04
(D1) Net mWh Not Generated due to Full Scheduled Outages	304,254	987,276
(D1) Scheduled Outages: percent of Period Hrs	3.09	10.04
(D2) Net mWh Not Generated due to Partial Scheduled Outages	41,865	21,876
(D2) Scheduled Derates: percent of Period Hrs	0.43	0.22
(E1) Net mWh Not Generated due to Full Forced Outages	100,875	646,243
(E1) Forced Outages: percent of Period Hrs	1.03	6.57
(E2) Net mWh Not Generated due to Partial Forced Outages	49,494	38,378
(E2) Forced Derates: percent of Period Hrs	0.50	0.39
(F) Net mWh Not Generated due to Economic Dispatch	521,490	662,546
(F) Economic Dispatch: percent of Period Hrs	5.30	6.74
(G) Net mWh Possible in Period	9,833,400	9,833,400
(H) Equivalent Availability	94.86	82.77
(I) Output Factor (%)	93.50	91.18
(J) Heat Rate (BTU/NkWh)	9,260	9,206

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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April 2008 through March 2009

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	659	660
(B) Period Hrs	8,760	8,760	8,760	8,760
(C1) Net Generation (mWh)	2,591,597	2,108,775	3,721,442	4,390,596
(D) Net mWh Possible in Period	3,332,520	3,332,520	5,773,008	5,789,040
(E) Equivalent Availability	95.09	85.41	70.60	85.13
(F) Output Factor (%)	84.51	80.34	90.85	88.80
(G) Capacity Factor	77.85	63.35	64.56	75.94

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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April 2008 through March 2009

Cliffside Steam Station

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	8,760
(C1) Net Generation (mWh)	3,354,420
(D) Net mWh Possible in Period	4,923,120
(E) Equivalent Availability	85.00
(F) Output Factor (%)	84.73
(G) Capacity Factor	68.14

DUKE ENERGY CAROLINAS
Outages for 100MW or Larger Units
March,2009

Full Outage Hours					
	<u>Unit</u>	<u>MW</u>	<u>Scheduled</u>	<u>Unscheduled</u>	<u>Total</u>
Oconee	1	846	0.00	0.00	0.00
	2	846	0.00	0.00	0.00
	3	846	0.00	0.00	0.00
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	594.93	0.00	594.93

Duke Energy Carolinas
Outages for 100 mW or Larger Units
March 2009

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Unit Name	Capacity Rating (mW)	Full Outage Hours		Total Outage Hours
		Scheduled	Unscheduled	
Allen 1	165	52.50	0.00	52.50
Allen 2	165	39.08	0.00	39.08
Allen 3	265	0.00	0.00	0.00
Allen 4	280	79.25	0.00	79.25
Allen 5	270	262.07	42.47	304.53
Belews Creek 1	1,110	271.05	0.00	271.05
Belews Creek 2	1,110	175.93	0.00	175.93
Buck 5	128	0.00	0.00	0.00
Buck 6	128	0.00	0.00	0.00
Cliffside 5	562	444.50	40.52	485.02
Dan River 3	142	45.67	0.00	45.67
Lee 1	100	0.00	0.00	0.00
Lee 2	100	0.00	0.00	0.00
Lee 3	170	21.50	0.00	21.50
Marshall 1	380	0.00	61.20	61.20
Marshall 2	380	53.67	0.00	53.67
Marshall 3	658	0.00	24.83	24.83
Marshall 4	660	0.00	44.67	44.67
Riverbend 6	133	31.00	0.00	31.00
Riverbend 7	133	9.75	2.20	11.95
Rockingham CT1	165	0.00	0.00	0.00
Rockingham CT2	165	0.00	0.00	0.00
Rockingham CT3	165	0.00	0.00	0.00
Rockingham CT4	165	0.00	0.00	0.00
Rockingham CT5	165	0.00	0.00	0.00